WIKYBOT USER MANUAL

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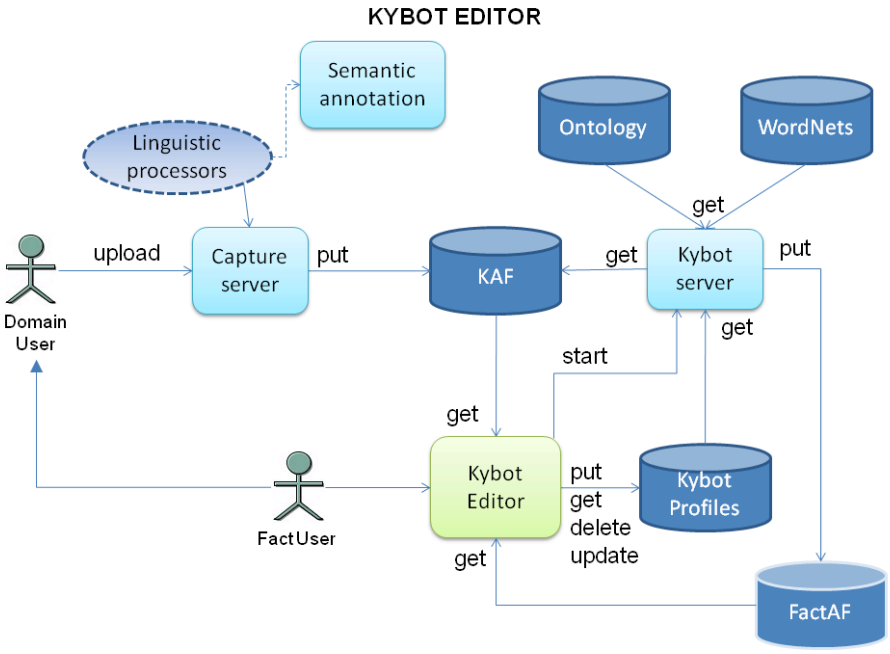
Introduction

Wikybot is a collaborative definition system for kybots.

For KYOTO-1 system, we agreed to concentrate our efforts on designing and developing the Expression Rules of the Kybots only for the TERMS section of KAF. Kybots will receive the Linguistic Processors output in KAF, and will produce FactAF (or fact enriched versions of KAF).

Thanks to this system, you can:

- Upload and manage annotated documents, in particular kaf documents
- Search words or terms in the collection of uploaded documents
- Create and execute kybots based on specific users information needs



Browse KAFs

We must login by submitting username and password (for the demo kyoto and kyoto) to perform any task. After user authentication, there is a list of collections of document managed by the system. In this page you can browse into repositories of kaf files. It is also possible to create new collection of document, upload a new kaf or delete a document.

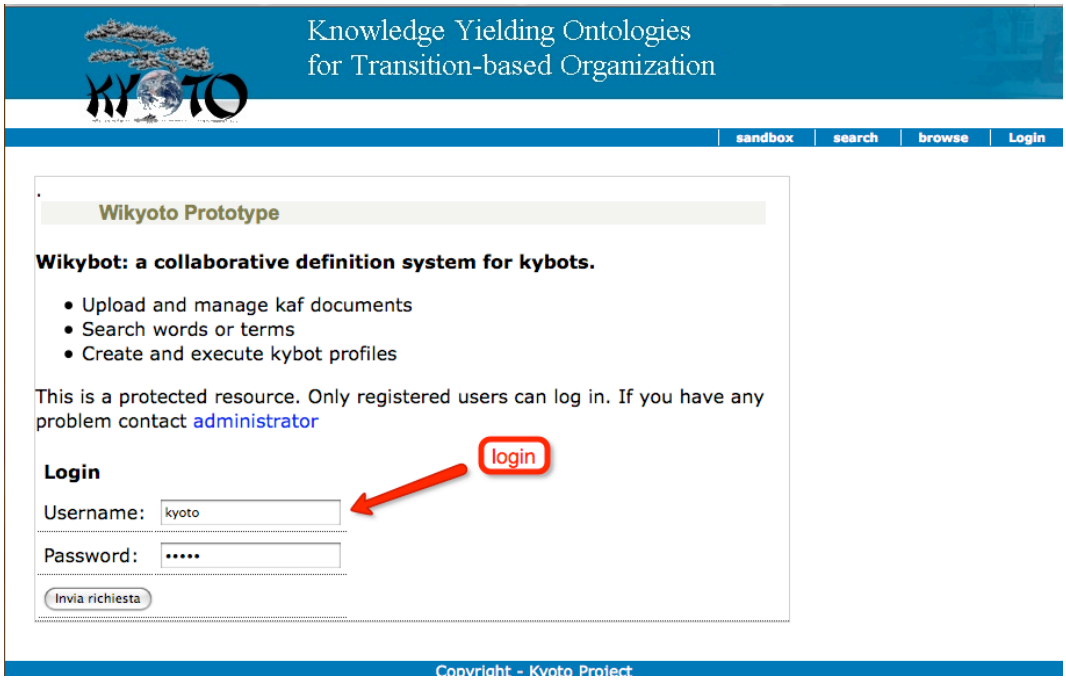


Figure 1 - Login

For each KAF document we can click on name to explore it content, click on xml icon to view the source xml or click on source icon to view the original document. This is very useful to compare the extracted information and the source of data. The xml file is an optimized version of the original KAF file. This file contains the same information but it is organized more hierarchically.

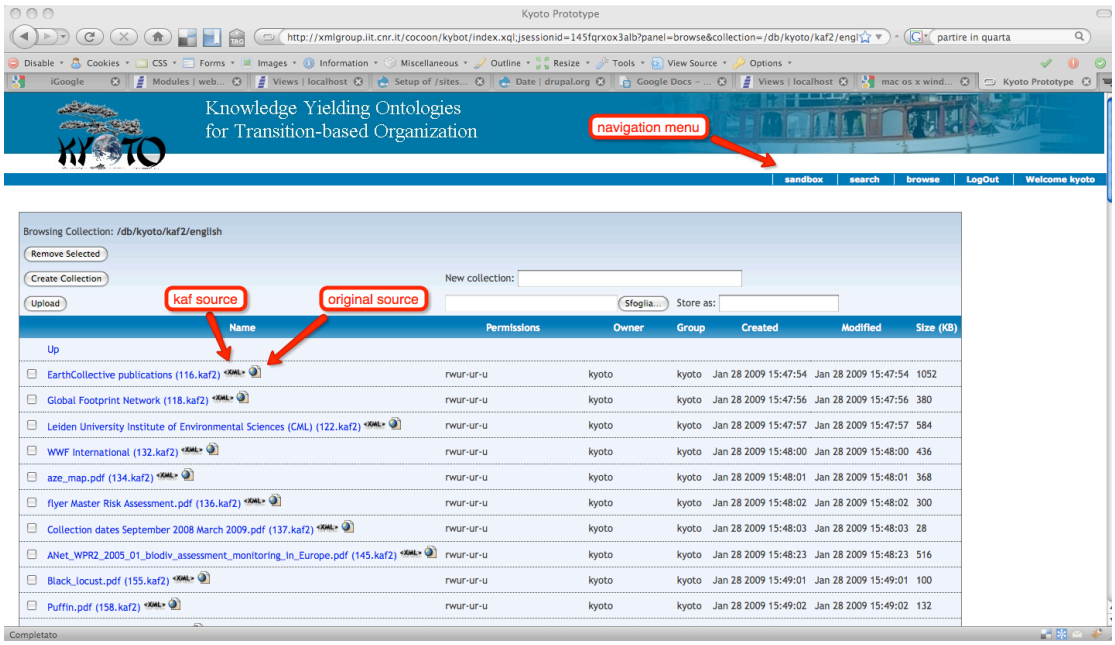


Figure 2 - Browse Repository

When a KAF is uploaded into the repository it is possible immediately to display all information into the file.

You can show all extra information about each sentence by click show, or it is possible to click on a term and display other information such as part of speech,

and senses. When you select a term, the system calls the DebVis API to obtain the description of related synsets.

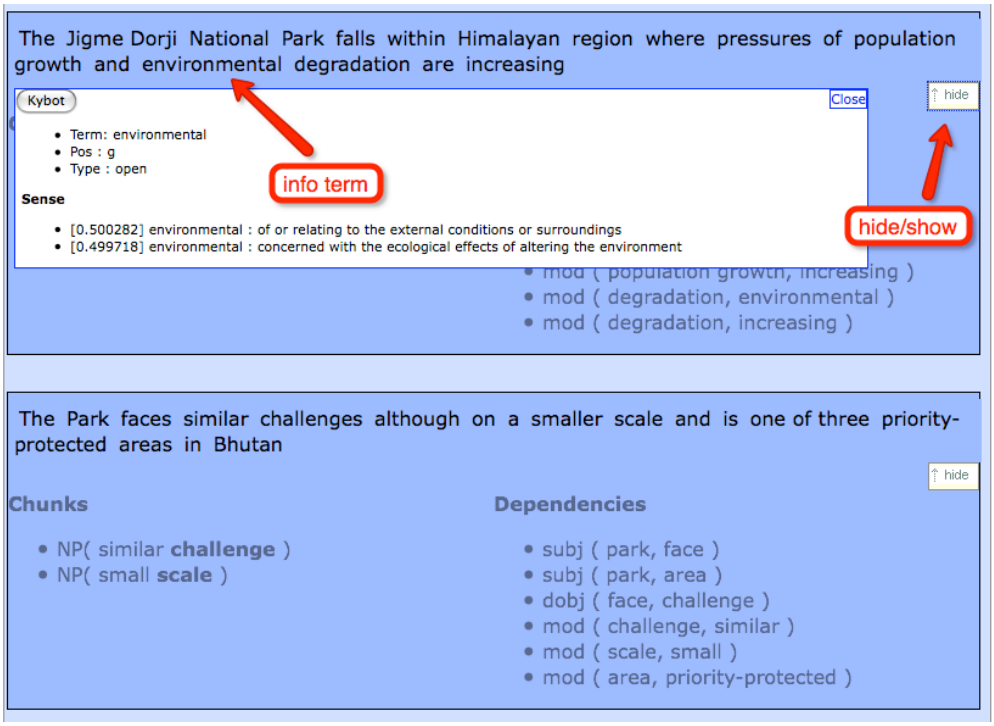

The Jigme Dorji National Park falls within Himalayan region where pressures of population growth and environmental degradation are increasing
Kybot
Close
hide
Term: environmental
Pos : g
Type : open
info term
Sense
[0.500282] environmental : of or relating to the external conditions or surroundings
[0.499718] environmental : concerned with the ecological effects of altering the environment
hide/show
mod (population growth, increasing)
mod (degradation, environmental)
mod (degradation, increasing)
The Park faces similar challenges although on a smaller scale and is one of three priority-protected areas in Bhutan
hide
Chunks
NP(similar challenge)
NP(small scale)
Dependencies
subj (park, face)
subj (park, area)
dobj (face, challenge)
mod (challenge, similar)
mod (scale, small)
mod (area, priority-protected)

Figure 3 - Show Content of KAF file

Search

In the Search page we can select a collection and then search terms or word in all documents into this collection. The result is a list of documents and a list of sentences that contains the term or word “environment”.

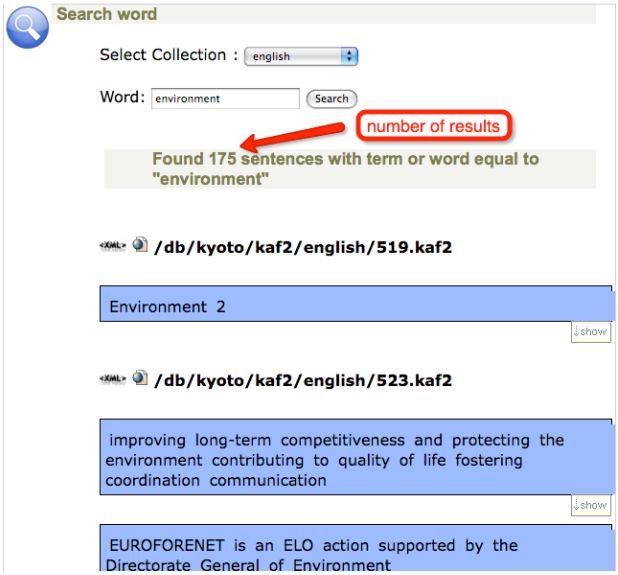

Search word
Select Collection : english
Word: environment
Search
number of results
Found 175 sentences with term or word equal to "environment"
/db/kyoto/kaf2/english/519.kaf2
Environment 2
show
/db/kyoto/kaf2/english/523.kaf2
improving long-term competitiveness and protecting the environment contributing to quality of life fostering coordination communication
show
EUROFORENET is an ELO action supported by the Directorate General of Environment

Figure 4 - Search Documents

SandBox

The Sandbox page is the place where we can try to write and execute a sort of kybot profile.

Figure 5 shows a query to spanish repository.

Figure 5 - Sandbox